



# The Gazette of India

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*Separate paging is given to this Part in order that it may be filed as a separate compilation.*

## PART II—SECTION 1

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

*Calcutta, the 27th December 1947*

##### Applications for Patents

##### TITLES HAVE BEEN ABRIDGED

*From 11th December to 17th December 1947*

- 38692. Associated Electronic Engineers Limited and H. C. Westcott. Burglar, fire and like alarms.
- 38693. N. V. Philips' Gloeilampenfabrieken. Gas discharge tube and an electromagnetic switch and electromagnetic switches for such a device.
- 38694. N. V. Philips' Gloeilampenfabrieken. Hot gas piston engines comprising one or more cylinders having reciprocating straight line guided pistons.
- 38695. N. V. Philips' Gloeilampenfabrieken. Heat-gas piston-engines comprising one or more cylinders.
- 38696. D. Ganguli. Electron discharge tubes.
- 38697. Distillation Products Inc. Vitamin A intermediate.
- 38698. Distillation Products Inc. Vitamin A and intermediates therefor.
- 38699. Distillation Products Inc. Compounds containing the isoprene grouping.
- 38700. S. A. C. E. Farrance. Tea or coffee pots. (12th October 1945).
- 38701. A. Craigon. Engine.
- 38702. H. L. Roy and C. G. Gopala Panicker. Flow meters for fluids.
- 38703. E. K. Narayanan. Liver extract for injection.
- 38704. N. V. De Bataafsche Petroleum Maatschappij. Compositions for combating noxious organisms. (13th December 1946).

- 38705. Mono-cam Limited. Fuel pumps and distributors for petrol-injection internal combustion engines. (18th December 1946).
- 38706. The Distillers Company Limited. Acetic anhydride. (15th March 1946).
- 38707. Marius Fayolle, dit Marcel Fayolle. Circular weaving looms. (4th October 1945).
- 38708. Ford Motor Company of Canada, Limited. Vehicle body construction.
- 38709. Ford Motor Company of Canada, Limited. Vehicular seat.
- 38710. Ford Motor Company of Canada, Limited. Spare tire mounting.
- 38711. S. B. Godbole. Milling machine.
- 38712. The General Electric Company Limited. Electric welding of metal. (3rd December 1946).
- 38713. H. R. Ricardo. Heat exchangers. (5th December 1946).
- 38714. C. C. Wakefield & Company Limited. Lubricating apparatus.
- 38715. W. N. McLaughlan. Race starting barrier.
- 38716. W. K. Singh. Electrical equipment. (20th May 1947).
- 38717. A. T. Collins and Thomas Collins and Company Limited. Moulding dough. (16th December 1946).
- 38718. International General Electric Company of New York, Limited. Electric induction apparatus.
- 38719. A. M. H. Baker. Inactivate (kill) enzymes in leaves, for instance tea-leaf.
- 38720. Westinghouse Brake & Signal Company Limited. Alternating current rectifiers. (6th January 1947).

38721. H. G. Lemoine. Rotary internal-combustion engines. (6th October 1945).
38722. Standard Telephones and Cables Limited. Electrical measuring and indicating equipment. (5th February 1947).
38723. Lustrafil Limited. Production and treatment of artificial threads. (6th December 1946).
38724. Lustrafil Limited. Production and treatment of artificial threads. (17th December 1946).
38725. Mills & Hockleys Limited and J. W. Mills. Poster-supporting and like panels.
38726. Armstrong Siddeley Motors Limited. Drive for contra-rotating propellers.
38727. Armstrong Siddeley Motors Limited. Hydraulic torque meters.
38728. Armstrong Siddeley Motors Limited. Mounting of turbine stators.
38729. Armstrong Siddeley Motors Limited. Means for maintaining concentric a bearing, for the shaft of an axial flow turbine, and a surrounding stator casing.
38730. C. U. R. A. Patents Limited. Transportable heating unit.
38731. Ciba Limited. Pyrimidylmercaptoacetic acids. (17th December 1946).
38732. Kwikform Limited. Adjustable fittings for use with builders' equipment and other purposes.
38733. Metal Trim Limited and E. Penkala. Profiled sections from sheet metal by rolling. (2nd October 1944).
38734. Metal Trim Limited and E. Penkala. Shearing and cutting-off apparatus. (7th February 1945).
38735. Western Electric Company, Incorporated. Transmission or reception of ultra-high frequency electromagnetic waves. (21st October 1943). [Divisional date, August 14, 1946].
38736. H. E. C. Huber. Incinerators. (1st January 1947).
38737. Davey Paxman & Company Limited. Rotary drum suction filters.
38738. L. Vilain. Filter presses.
38739. Compagnie De Produits Chimiques Et Electrometallurgiques Alais, Forges Et Camargue. Protective liner device for autoclaves.
38740. The British Thomson-Houston Company Limited. Electric converter systems.
38741. The British Thomson-Houston Company Limited. Electric converter systems.
38742. F. R. Husband. Oil burner and fuel feed system for same. (19th December 1946).
38743. Standard Telephones and Cables Limited. Electric power supply systems. (18th December 1946).
38744. H. Tevis. Apparatus for subjecting material to electric treatment. (23rd October 1946).
38745. The General Electric Company Limited. Electrical wide-band amplifiers. (30th June 1944).
38746. John Miles and Partners (London) Limited. Smelting of iron and steel. (18th December 1946).
38747. Electric & Musical Industries Limited. Colour television and applications thereof. (18th December 1946).
38748. W. R. J. Happe. Plastics. (19th December 1946).
38749. American Cyanamid Company. Pesticidal compositions.
38750. American Cyanamid Company. Organic phosphates.
38751. J. Moolenaars. Sealing means of ductile material and a pair of tongs for closing said means.

#### **Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of a patent on any one of the applications referred to below, may at any time within four months of the date of this *Gazette of India* give notice at the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Manager of Publications, Civil Lines, Delhi, and also on cash payment at the counter of the Government of India, Central Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Re. 1 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of the specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office, on payment of the necessary charges, which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under section 78-A of the Act.

30822. Standard Telephones and Cables Limited. Improvements relating to keying arrangements for radio frequency systems. (20th October 1942).

*A circuit is coupled by reactances provided to each transmission lines which alternately block each of said lines by variation of reactances.*

30910. Marconi's Wireless Telegraph Company Limited. Improvements in radio receivers.

*A resistance capacity network, a rectifier and a load resistor differentiate output pulse.*

31712. Imperial Chemical Industries Limited. Modification of the properties of polyamides.  
*Subjecting unsaturated polyamides to the action of sulphur.*
33516. The M-O Valve Company Limited. Improvements in thermionic valves, especially in those adapted to operate at very high frequencies. (20th October 1943).  
*Annular cathode carried on a flexible diaphragm for adjustments.*
33668. Power Jets (Research & Development) Limited. Improvements relating to combustion apparatus for gas turbine power plants. (16th March 1944).  
*Compressor outlets are associated in pairs with each combustion chamber which is fitted with a conical obturator and apertures at parts.*
33824. Power Jets (Research & Development) Limited. Improvements relating to combustion apparatus for burning liquid fuel in an airstream. (16th March 1944).  
*Flame tube with partially obturated upstream end and downstream end divided into sectors arranged around annular duct.*
33835. Fusarc Limited, and H. J. Stretton. Improvements relating to welding electrodes. (27th December 1944).  
*Comprising a metal core, a mesh-like metallic sheath and a coating of flux over it.*
33946. R. E. Hollis. Improvements in and relating to welding fluxes particularly for aluminium welding.  
*Mixture of salts of sodium and potassium with or without other salts of alkali, alkaline-earth or rare metals.*
33948. Power Jets (Research and Development) Limited. Improvements in or relating to internal combustion turbine power plants. (31st January 1944).  
*Contra flow auxiliary compressor boosts main flow compressor.*
34074. The General Electric Company Limited. Improvements in electrical switching devices. (16th January 1945).  
*Comprises of an actuating member in telescopic movement with a second member actuating contacts.*
34082. Power Jets (Research and Development) Limited. Improvements in or relating to internal combustion turbine power plants. (31st January 1944).  
*Air and gas flows, through axial flow turbine and compressor, in opposite sense and power take off through independent power turbine,*
34207. The General Electric Company Limited. Improvements in sockets adapted to co-operate with two-pin lamp caps. (21st February 1945).  
*Means provided on socket prevents axial movement of the lamp.*
34288. Corn Products Refining Company. Improvements in or relating to processes of gelatinizing starch, and the improved starch product resulting therefrom.  
*Gelatinizing starch in the presence of alkali metal stannate.*
34358. General American Transportation Corporation. Filtering method and apparatus.  
*Successive sections of endless moving filtering surfaces subjected to varying pressure.*
34441. B. Greene. Improvements in or relating to pulleys or wheels.  
*Fabricated dish shaped pulleys and wheels of welded or riveted construction.*
34483. Lever Brothers & Unilever Limited. Improvements in or relating to methods of treating paper to improve its whiteness. (12th April 1945).  
*Incorporating in the paper, the derivatives of, di-aminobenzoyl-amino stilbene sulphuric acids, with an organic radical not containing NH<sub>2</sub> radical directly attached to an aromatic nucleus.*
34550. Therapeutic Research Corporation of Great Britain Limited. Improvements in and relating to the synthesis of thiazolines. (10th April 1945).  
*Reacting a cysteine ester with diethyl malonate.*
34575. The Firestone Tire & Rubber Company. Improvements in or relating to method of an apparatus for processing of plastic material.  
*Batch of material divided into pellets prior to mixing of secondary compounding ingredients.*
34635. Standard Telephones and Cables Limited. Improvements in the production, selection and demodulation of electrical pulse trains. (26th November 1943).  
*Include a multivibrator generating gating pulses which unblock a normally blocked gating valve to which incoming signals are also applied.*
34645. Distillation Products Inc. Improvements in vacuum process and apparatus. (15th September 1945).  
*Displacement of driving element in vacuum chamber effected by enclosed low liquid vapour pressure motor through a seal,*

34670. The McMurdo Instrument Company Limited. Improvements in pyrophoric lighters.  
*Wick protected by hinged cap carried by sleeve coaxial with the shaft of sparking wheel and rotatable thereon.*
34749. Integral Limited and R. F. Worlidge. Improvements in or relating to power driven fluid pumps.  
*Output pressure of first stage controls effective stroke of the second stage pistons.*
34751. Aktiebolaget Tramp. Gear device for bycycles and the like.  
*Comprises a gear housing and a chain drive connection with the gear in the housing, the driving connection of the chain drive with the bicycle being effected either via the gear housing or via the gear.*
34754. B. B. Dey, T. R. Govindachari and H. V. K. Udupa. An improved process for the conversion of ortho and para nitro chlorobenzenes to the corresponding nitro anisoles and nitro phenetoles.  
*Converting ortho and para nitro chloro-benzenes to the corresponding nitro anisoles and nitrophenetoles using manganese dioxide as catalyst.*
34770. W. R. Champion. Improvements in and relating to couplings for pipes and tubes. (30th April 1945).  
*Swaged spigot end of each pipe makes a forced fit in the socket end of an annular abutment.*
34772. T. M. Duncan. Improved fuel injection pump for internal combustion Engines. (31st May 1945).  
*Radially disposed plungers operated in succession by a rotor roller.*
34807. The Moulded Hair Company Limited. Improvements in decorative articles and in a method of making such articles. (14th May 1945).  
*Consists in forming a wire frame and attaching artificial silk by adhesive which is also a solvent for the silk.*
34809. R. C. Swaney. Improvements in or relating to tractor crane. (26th September 1945).  
*Mast and boom mounted on one traction unit supported by a connector mounted on the other traction unit.*
34831. Harry Ferguson, Inc. Improvements in or relating to an implement attachment for a tractor.  
*Selective control of use of several elements which are connected to power lift for movement in unison.*
34869. Baldwin Instrument Company Limited. Improvements in advertising or display devices.  
*Friction member driving turn-table vibrates with outer and in opposite phase to the fixed end and a quasi-node in between.*
34957. The Coca-Cola Company. A method and apparatus for mixing and dispensing liquids.  
*Governing flow of second liquid by means of a passage having hydraulic characteristics identical with first capillary nozzle.*
34998. A. Holan. Automatic Door Closing Devices.  
*Extending arm of spring mounted on door frame and cooperating with a pulley is adapted to cause the spring to apply its driving force on the door.*
35011. R. F. Powell, and National Chemical Products Limited. Improvements in froth flotation processes and frothing agents. (20th January 1945).  
*1, 1, 3-alkoxy butane, a reaction product of crotonaldehyde and alcohol is employed as agent.*
35012. British Insulated Callender's Cables Limited. Improvements in or relating to methods of and apparatus for the covering of electric conductors with plastic material. (8th June, 1945).  
*Subjecting the two layers of insulating strips to hot rolling between smooth rollers, prior to passing through grooved rolls.*
35030. Standard Telephones and Cables Limited. Improvements in or relating to remote control arrangements. (30th September 1941).  
*Measuring instrument controls pulse duration of electric pulses according to the value of measure.*
35031. Standard Telephones and Cables Limited. Improvements in or relating to cross connection strips as used in telephone and like systems. (18th October 1944).  
*Comprises two terminal blocks of insulating material arranged side by side with terminals in each block.*
35074. The Ribbesford Company Limited. Improvements in or relating to shock absorbers of the fluid pressure cylinder and piston type. (15th June 1945).  
*Relatively sliding elements are also caused to rotate.*
35084. Monotype Machine (Colonial Patents) Syndicate Limited. Improvements in or relating to mechanism for positioning die cases in single type-casting and composing machines.  
*An articulated lever coupling one of the oppositely movable jaws of positioning mechanism with actuator and a buffering spring between the two portions of the lever.*

35087. Standard Telephones and Cables Limited. Improvements in or relating to selector switches; e.g., selectors such as are used in automatic telephone systems.

*A selector switch comprises a brush carriage, a terminal bank, and a band drive with reciprocatory carriages.*

35116. Oreal-Maroc. Improved method and apparatus for soap purifying.

*Soap washed counter currently with electrolyte of higher than critical concentration.*

35142. J. Blackburn. Improvements in or relating to structures having concrete windows or wall panels and to concrete windows or wall panels therefor.

*Panel units have at their ends enlarged parts formed L-or U-shaped in cross section and serving to connect the units together by concrete columns which are cast in situ in the cavities formed by the said parts and are not less in thickness than the unit.*

35152. The General Electric Company Limited. Improvements in or relating to the production of malleable iron. (24th May 1945).

*Heating iron to 850° C in gas tight furnace in a gaseous medium which decarburises iron but oxidation of iron is prevented; gaseous medium being replaced at controlled rate by water or carbondioxide either continuously or intermittently.*

35155. The General Electric Company Limited. Improvements relating to the production of malleable iron. (24th May 1945).

*Production of malleable iron by heating cast iron above 850°C and below melting point of iron, in a gaseous medium produced by passing air or steam or both over char-coal maintained at 750°C to 1100°C.*

35157. A. H. Bahnsen. Air conditioning apparatus. (14th February 1946).

*Humidifying means, downstream from fan, has atomizer motor unit having a rotating disc and abutment ring type atomizer.*

35165. B. Lloyd, and J. F. Collyer. Improvements in or relating to photographic cameras.

*A photographic camera having in combination an apertured film retaining gate movable with respect to a back plate, a lens supporting tube opposite the gate, and a flexible light excluding connection between gate aperture and the inner end of the tube.*

35173. The Firestone Tire & Rubber Company. Improvements in or relating to resilient seats.

*A series of parallel upwardly arched spring units are attached at their respective ends to opposite*

*sides of a seat frame and flexible inextensible sheet material coextensive with the spring units is attached to all of them.*

35177. Boving and Company Limited, and D. A. Atkins. Improvements in discharge regulators for hydraulic turbines.

*A gap, formed in the spiral casting, leading to a discharge conduit and closed or opened by shutters formed in the gap.*

35269. Westinghouse Brake & Signal Company Limited. Improvements relating to fluid pressure braking apparatus of the vacuum type. (16th July 1945).

*Fluid pressure braking apparatus of the vacuum type in which, when a braking application is to be effected, a limited amount of air at a pressure higher than atmospheric pressure is arranged to be introduced into the brake pipe of the apparatus. Also provision of a double ejector nozzle device for communicating with the branch pipe leading to the brake cylinder off the brake pipe.*

35271. The M-O Valve Company Limited. Improvements in or relating to electrical discharge devices and in holders or sockets therefor. (15th January 1945).

*An insulating disc having apertures is provided.*

35295. Lumsden & Mackenzie Limited, and C. Garrett. Improvements in and relating to the treatment of fabrics composed of jute together with other yarns or fibres. (24th July 1945).

*Dry cleaning jute fabric with a suitable solvent and thereafter dyeing the fabric with a dye having affinity for jute.*

35386. Standard Telephones and Cables Limited. Automatic toll telephone systems.

*Groups of stations are associated with individual identification circuits.*

35524. E. Lawrence. Improvements in or relating to water taps.

*Valve body carries a valve seat and a discharge spout and the water inlet pipe has a face cooperating with the valve seat.*

35528. Boots Pure Drug Company Limited. Improvements relating to the manufacture of amidines. (4th September 1945).

*Reacting a nitril of the general formula R<sub>1</sub>CN with ammonia or an amine of the formula NHR<sub>1</sub>R<sub>2</sub> in the presence of a metal halide (R, R<sub>1</sub> and R<sub>2</sub> may be alkyl, aryl, aralkyl, alicyclic or heterocyclic group and R<sub>1</sub> may also be hydrogen).*

35547. Marconi's Wireless Telegraph Company Limited. Improvements in or relating to navigation aiding radio systems.  
*Comprises a radar system (P.P.I. systems) on ground and a television transmitter for transmitting P.P.I. view of aircraft within service area of P.P.I. and television stations to the aircraft.*
35631. W. M. Baird. Refrigerated system.  
*A primary refrigerant section and at least one drawer with drawables from exterior the drawer contacting cold air on all sides.*
35667. L. Ferrand. Method and means for the automatic operation of ovens for electrolyzing in the melt.  
*Comprises a fixed sole, movable horizontal anodes and means to maintain percentage of dissolved substance constant.*
35668. L. Ferrand. Method and means for the automatic operation of ovens for electrolyzing in the melt. (Addition to 35667).  
*Continuous electrolytic ovens for combined regulation of voltage, current and bath temperature.*
35669. L. Ferrand. Improvements in ovens for electrolyzing in the melt, enabling to feed the same continuously and to recover the electrolysis gases in pure state.  
*Anode equipped with gas bell supporting an individual alumina reservoir provided with stainless steel bottom.*
35791. S. A. Hartman. Improvements in the production of glass fibres or yarns and materials formed therefrom. (23rd January 1946).  
*Subjecting glass fibres to a chemical etching action by weak caustic soda solution.*
35855. Imperial Chemical Industries Limited. Manufacture of alkyl-substituted dicyandiamides. (8th October 1945).  
*Interacting N-alkyl-N-cyano-S-alkyl-isothioureas with ammonia or a primary aliphatic amine.*
35858. Holoplast Limited. Improvements in or relating to structural units for use in building construction. (16th October 1942).  
*At least two sheets of fibrous material containing thermo-setting resin are connected in spaced relationship by members containing thermosetting resin to form hollows which are wholly or partly filled with wood filling.*
35863. Standard Telephones and Cables Limited. Telemetering system.  
*Comprises transmitter, a repeater having a variable delay means and receiver.*
35868. A. C. Morrison (Engineers) Limited. Improvements in or relating to body work for road railway and like vehicles. (22nd June 1944).  
*Metal section with flanges and panelling attached to the flanges and comprising a layer of nonmetallic*
- material and a portion of metal or plastic reinforcement united face to face.
35988. International Marine Radio Company Limited. Improvements in or relating to direct call telephone systems. (12th October 1945).  
*A number of 'calling' stations initiates and maintains connection to 'answering' station by push button key.*
35989. Creed and Company Limited. Improvements in or relating to teleprinter exchange systems. (7th September 1945). (Addition to 35881).  
*Comprises means for storing a destination-indication signal whilst it is being transmitted to the exchange.*
35998. Standard Telephones and Cables Limited. Feedback amplifier.  
*An amplifier and two feedback paths namely positive and negative, together producing a predetermined phase and amplitude relationship between the input and output signals.*
36017. Polophane Limited. Improvements in and relating to luminaires and refracting and light diffusing plates therefor. (26th March 1942).  
*A refracting and light diffusing plate, having on one face a series of narrow parallel refracting prismatic ribs and on the opposite face a series of parallel flutes.*
36079. Standard Telephones and Cables Limited. Electric pulse receiver.  
*Television receiver comprising a detector, pulse discriminators, sweep generators controlled by said discriminators and a demodulator connected to one discriminator.*
- 36085 F. O Rebeaud. Improvements in or relating to razor blade holders. (5th May 1945).  
*A pair of spring jaws with radial extending levers slidably mounted on accurate prongs, said levers being set at an angle with respect to the jaws to present stropping surface.*
36137. Armstrong Siddeley Motors Limited. Improvements relating to bladed rotors. (8th December 1943).  
*Shrouds offset in a circumferential direction relatively to the associated blades.*
- 36140 Armstrong Siddeley Motors Limited. Improvements relating to anti-friction bearings. (1st November 1944).  
*Comprising a cage for antifriction elements, oil being delivered from cage to lubricants antifriction elements, and cooling the bearing.*
- 36221 A. B. C. Coupler & Engineering Company Limited. Improvements in and relating to couplings for railway and like vehicles.  
*Coupling member adapted to be inserted into coupler head and a coupling pin.*

36266. Hovis Limited. Plant for cereal-grinding such as flour mills. (17th October 1945).  
*Combination of air conditioning apparatus, air circulating device and conduits connecting to the grinding machine.*
36280. Standard Telephones and Cables Limited. Multichannel electric pulse communication systems.  
*Multichannel system producing pulse having vertically disposed portions of different widths and signal modulating a characteristic of each such portion.*
36321. Welding Supplies Limited. Improvements in or relating to surface welding. (11th December 1945).  
*Weld metal contains chromium and carbon from 10 to 20 per cent., .15 to .50 per cent. respectively, and nickel not exceeding 0.5 per cent., in addition of iron.*
36355. Standard Telephones and Cables Limited. Improvements in or relating to party-line telecommunication systems. (23rd November 1945).  
*Comprised a unidirectional repeated loop with phantom signalling.*
36359. E. S. Hodgson. Improvements in metal reinforcements, more particularly for reinforced concrete roads and structures. (27th December 1945).  
*Unslit portions at one edge of a strip are longer than those at the other edge and are adapted to space the reinforcements away from a given surface.*
36370. Ciba Limited. Manufacture of hydrophenanthrene monocarboxylic acids and esters, nitriles and amides thereof.  
*Converting the carboxyl group of the fatty acid residue in a hydrophenanthryl-(1)-fatty acid into a methyl group.*
36444. Holophane Limited. Improvements in refractors for use in street lighting. (30th October 1943).  
*Dome refractor having zone of annular prisms and vertical prisms.*
36706. Western Electric Company, Incorporated. Transmitting and receiving circuits for wave transmission. (1st March 1944).  
*Terminal apparatus for electric signalling systems comprises a resonator with a spark gap.*
36731. Armstrong Siddeley Motors Limited. Improvements in or relating to starting means for an internal-combustion turbine unit. (28th February 1946).  
*Starting means for an internal combustion turbine consisting of a pneumatic eccentric sliding vane type motor which has a hollow rotor with sliding vanes.*
36801. Standard Telephones and Cables Limited. Improvements in or relating to electric signalling systems. (19th February 1946).  
*Comprises plurality of meters and contacts with distributors to cause sequential operation of codes.*
36803. Standard Telephones and Cables Limited. Improvements in or relating to telegraph receivers. (19th February 1946).
36846. Standard Telephones and Cables Limited. Improvements in or relating to display arrangements for electric oscillographs. (23rd January 1946).  
*Comprises a plurality of blocking devices with means for periodically unblocking the blocking devices.*
36946. De Directie Van De Staatsmijnen In Limburg. Method of producing a separating suspension from refuse particles derived from separating machines such as froth-flotation machines.  
*Dilute suspension in liquid carrier medium subjected to conical cyclone having an outlet in the apex.*
36982. Standard Telephones and Cables Limited. Improvements in or relating to radio receiving systems. (15th March 1946).  
*A balanced slot aerial construction energised both by the received waves and by the heterodyning oscillators, and a balanced detector arrangement.*
37004. Standard Telephones and Cables Limited. Saturable reactor modulating systems.  
*Saturable reactor modulator circuit for combining alternating potentials of cathode ray tubes.*
37009. Standard Telephones and Cables Limited. Telephone selector clutch mechanism.  
*Means for imparting reciprocatory movement to a brush carriage and includes an endless belt.*
37010. Standard Telephones and Cables Limited. Clutch mechanism for electric selectors. [Addition to No. 37009.]  
*A brush carriage mounted for reciprocatory movement, an endless belt and a rotatable element.*
73034. L. C. Sen Gupta. Improvements in or relating to buckets.  
*Container with an opening in the base, a valve controlling the opening and adapted to close by the tension of a hoisting rope and adapted to open upon the tension being released.*
37036. Automatic Telephone & Electric Company Limited. Improvements in or relating to electrical signalling systems. (25th May 1946).  
*Circuit for applying potentials to combinations of leads high speed relays and a single contact set.*
37113. P. R. T. Laboratories Limited. Improvements in or relating to screening means for radio and electrical apparatus. (8th April 1946).  
*Screen divided electrically to prevent interference due to eddy current.*
37121. Albion Motors Limited. Improvements in compression-ignition engines.  
*A spring urged idling valve having a plug of such form that the differential pressure tending to close the valve bears a linear relation to the position of the said valve.*

37331. F. Nemec. Improvements relating to baby carriages.  
*Tubular framework is constituted by two essentially similar U-shaped ends and the W-shaped side frames.*
37408. Prof. N. V. Joshi. Improvement in the process of sterilising (freeing from micro-organisms) food products, such as milk, fruit and vegetable products, meat and fish products, and medicinal preparations, such as extracts of liver and other animal tissues, and media for the cultivation of micro-organisms and the like products as are required to be preserved by freeing from micro-organisms.  
*Heating to 100°C for half an hour, cooling and incubating at a temperature between 35° and 45° and re-heating to 100°C.*
37463. Standard Telephones and Cables Limited. Improvements in or relating to electric thermally sensitive resistance elements. (14th June 1946).  
*A thin film of thermistor element and two or more electrodes arranged in contact.*
37478. W. P. Boase. Improvements in self-propelled electrically driven trucks.  
*A detachable crane structure, a hoisting mechanism and a brake device adapted to come into action automatically when the power is switched off.*
37486. Les Usines De Melle. Improvements in treatment of acid tars particularly from pyroligneous liquors.  
*Passing a hot inert gas through the tars.*
37728. Harben's (Viscose Silk Manufacturers) Limited. Improvements relating to the production of rayon yarn. (8th July 1946).  
*Providing at least one of the rollers with a step downwards at the end to which yarn is delivered.*
37742. Standard Telephones and Cables Limited. Improvements in or relating to tuning arrangements for radio receivers and the like. (13th July 1946).  
*Controlling effects of small variations in the values of the circuit elements upon the resonant frequency as determined by the adjustment of a tuning element.*
37758. The British Cast Iron Research Association. Improvements relating to the manufacture of cast iron. (22nd July 1946).  
*Grey cast iron containing .01 to .050 per cent. of cerium.*
37785. T. Oertli Aktiengesellschaft. Improved apparatus for homogeneously mixing solid and liquid or pasty food-stuff and drinks.  
*Each impeller is disposed above and below the cutting blades both being secured to a rotating shaft passing centrally through the mixing container.*
37791. Vickers-Armstrongs Limited. Improvements in or relating to stress or load indicators. (10th July 1946).  
*The members, to be fastened to the test piece, are interconnected by flexible means arranged so that its displacement controls the effective volume of a vessel containing fluid the condition of which is indicated by a gauge.*
37806. Harlford-Empire Company. Improvements in or relating to duplex combination settle blow head and baffle mechanism for glassware forming machines.  
*A movable carrier including a supporting head, a pair of vertical shafts a pair of combination bubbles and blow heads, a cross bar and an elongated spring bearing.*
37892. E. P. Elston. Improvements connected with garment hangers.  
*Wire support for garment shoulders wherein the clamping member comprises two truncated triangular parts pivotally supported on the support and a supporting member pivotally mounted on the wire.*

**Patents Sealed**

29819. 29820. 31029. 31361. 31394. 31490. 31506. 31706. 31707. 31708. 32035. 32091. 32127. 32202. 32203. 32297. 32441. 32474. 32549. 32645. 32700. 32710. 32776. 32801. 32837. 32840. 32847. 32851. 32873. 33007. 33267. 33309. 33417. 33573. 33618. 33663. 33765. 33992. 34378. 34758. 35322.

**Renewal Fees Paid**

13694. 19510. 20406. 20700. 20722. 20724. 20792. 20850. 21069. 21519. 21558. 21730. 21790. 22305. 22517. 22556. 22612. 22714. 22876. 23358. 23499. 23620. 23621. 23691. 23708. 23760. 23807. 24044. 24063. 24154. 24333. 24522. 24789. 24820. 24832. 24845. 24851. 24996. 25120. 25792. 25793. 25802. 25974. 26004. 26007. 26023. 26033. 26102. 26277. 26560. 26982. 27083. 27146. 27150. 27185. 27218. 27286. 27310. 27318. 27326. 27788. 27844. 27904. 27912. 27915. 27916. 27917. 27918. 27919. 27939. 27989. 27990. 27992. 27993. 28073. 28587. 28599. 28600. 28629. 28699. 28710. 28724. 28743. 28822. 28835. 28850. 28944. 28972. 29208. 29243. 29276. 29318. 29370. 29420. 29433. 29434. 29473. 29588. 29589. 29646. 29757. 30085. 30278. 30309. 30319. 30327. 30355. 30368. 30444. 30498. 30499. 30500. 30501. 30536. 30542. 30543. 30544. 30561. 30572. 30574. 30589. 30622. 30666. 30667. 30843. 30971. 31082. 31096. 31849. 31879. 31880. 31911. 31949. 31970. 31991. 32021. 32028. 32091. 32147. 32554. 33604. 33887. 33888.

**Cessation of Patents**

- [The entries under this heading should not be regarded as final in view of the Indian Patents and Designs (Extension of Time) Act, 1942.]  
 18233. 18665. 19097. 19120. 19126. 19137. 19153. 20144. 20168. 20180. 21177. 21091. 21107. 21126. 21127. 21234. 22088. 22091. 22120. 22290. 23084. 23085. 23112. 23123. 23125. 23126. 23141. 23167. 23173. 23240. 23241. 24289. 24293. 24294. 24295. 24296. 24313. 24326. 24329. 24351. 24368. 24376. 24490. 24866. 25024. 25244. 25553. 26806. 26838. 26966. 27624. 27651. 27663. 27670. 28270. 28293. 28294. 28302. 28305. 28309. 28973. 29330. 29867. 29881. 29887. 29891. 29893. 29894. 29902. 29918. 29921. 29927. 29934. 29937. 29942. 29943. 29944. 30752. 31045. 31296. 31448. 31465. 31488.

K. RAMA PAI,  
*Controller of Patents and Designs.*